

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040263182").PN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/03 13:52
S2	8	("5729145") or ("5561605") or ("5485093") or ("4466071")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/03 13:54
S3	295	(324/536.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 13:55
S4	485	(324/512.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 13:55
S5	637	(324/500.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:27
S6	26	(322/72.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:13

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S7	236	(322/73.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:11
S8	0	(322/74.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:12
S9	24	(322/74.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:11
S10	0	S9 and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:12
S11	17	"hoai-an" and (arc\$3 spark\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:28
S12	543	(324/555.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:27

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S13	423	(324/424.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:27
S14	1171	(361/42.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:27
S15	765	(361/115.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:27
S16	206	(361/601.ccls.) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:28
S17	37	S3 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 15:12
S18	1	S4 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:30

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S19	2	S5 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:30
S20	2	S12 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:31
S21	4	S13 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:31
S22	55	S14 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:32
S23	12	S15 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:32
S24	1	S16 and (arc\$3 spark\$3) with (power near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:32

## EAST Search History

S25	6	S17 and (first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value) same averag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 15:15
S26	7	S22 and (first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value) same averag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 14:51
S27	117	((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 10:58
S28	12	S27 and (first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value) same averag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/03 15:18
S29	2	((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:04
S30	3	((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) and (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 11:28

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S31	3	(((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value)) and averag\$3 and compar\$5 and (change variation difference adjustment)) clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 11:30
S32	4	(((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) and (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value)) and averag\$3 and compar\$5 and (change variation difference adjustment)) clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 11:31
S33	21	(((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)) and @ad<"20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 13:32
S34	3	S33 and (subtract\$5 extract\$5 taken taking eliminat\$5 remov\$5) with ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 13:37
S35	2	(((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)) clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:06
S36	2	(((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) with (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)) clm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:07



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S37	3	((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) and (power near2 system) and ((first "1st" second "2nd" past future present current next previous) with (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment) and (digital discrete)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:08
S38	3	((((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) near2 (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:06
S39	3	((((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) with (power near2 system)) and ((first "1st" second "2nd" past future present current next previous) with (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:08
S40	4	((((detect\$3 sens\$3) near2 (arc\$3 spark\$3)) and (power near2 system) and ((first "1st" second "2nd" past future present current next previous) with (period interval cycle duration shift relay value version)) and averag\$3 and compar\$5 and (change variation difference adjustment)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/06 15:08